

302.4 - Surface Roughness (block form)

These SRMs are for calibrating stylus instruments that measure surface roughness. These electroless-nickel coated steel blocks have a sinusoidal roughness profile machined on the top surface.

Technical Contact: thomas.renegar@nist.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Roughness, Ra (μm)	Wavelength, D (μm)
2071b	Sinusoidal Roughness	each	0.3	100
2072	Sinusodial Roughness	each		
2073a	Sinusoidal Roughness	each	3	100
2074	Sinusoidal Roughness	each	1	40
2075	Sinusoidal Roughness	each	1	800